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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT**

**I. HEADING**

**DATE:** November 27, 2001

**SUBJECT:** **POLREP for the Dead Creek Sediment Removal Site, Sauget, St. Clair County, Illinois**

**FROM:** Kevin Turner, (618) 997-0115, U.S. EPA OSC, Region 5, ERB, RS-1, Marion, IL

**TO:** C. Stanton, U.S. EPA, OSWER, Washington D.C. .... (stanton.colby@epa.gov)  
R. Karl, U.S. EPA, ERB Chief, Chicago, IL .... (karl.richard@epa.gov)  
B. Bolen, U.S. EPA, Chief Section 2, Chicago, IL .... (bolen.bill@epa.gov)  
B. Messenger, U.S. EPA Chief EES, Chicago, IL .... (messenger.william@epa.gov)  
C. Allen, U.S. EPA, Public Affairs, Chicago, IL .... (allen.cheryl@epa.gov)  
M. Ribordy, U.S. EPA, RPM, Chicago, IL .... (ribordy.mike@epa.gov)  
T. Martin, U.S. EPA, ORC, Chicago, IL .... (martin.thomas@epa.gov)  
R. Watson, Illinois EPA, Springfield, IL .... (rob.watson@epa.state.il.us)  
B. Everetts, Illinois EPA, Springfield, IL .... (bruce.everetts@epa.state.il.us)  
S. Bron, Illinois EPA, Springfield, IL .... (sandra.bron@epa.state.il.us)  
T. Miller, Illinois EPA, Collinsville, IL .... (tom.miller@epa.state.il.us)  
M. Henry, Illinois EPA, Springfield, IL .... (mhenry@epa.state.il.us)  
K. de la Bruere, U.S. F&WS, Rock Island, IL .... (Kevin\_de\_la\_Bruere@fws.gov)  
J. Maritote, U.S. EPA, Chicago, IL .... (maritote.john@epa.gov)

**POLREP #:** POLREP #7 - PRP Lead

**II. BACKGROUND**

Response Authority: CERCLA  
NPL Status: Non-NPL  
Latitude: 38°34'37"N  
Longitude: 90°10'47"W  
State Notification: November, 2000  
Start Date: November, 2000  
Completion Date: April 30, 2002 (anticipated)

**III. SITE INFORMATION**

**A. Incident Category**

Sediment removal from a creek bed.

**B. Site Description**

**1. Site location**

See initial POLREP for details.

## **2. Description of threat**

See initial POLREP for details.

## **3. Site background**

See initial POLREP for details.

# **IV. SITE INFORMATION**

## **A. Situation**

### **1. Response activities to date**

- The creek bypass system was installed after excavating through streets and placing culverts under them.
- Sediment traps were installed in all segments of the creek, culverts that were fully or partially blocked were cleaned out, and brush and debris were removed from the creek starting with Segment B.
- Safety fences were installed around the creek from Segment B to near Parks College in Segment E and a low-flow channel was dug in Segments D-F to collect water in the middle of the creek and allow sediments near the sides of the creek to dry.
- Grading of the site for the TSCA cell was completed, construction of the walls was completed, riprap and gravel were placed in the bottom of the cell, and .
- Sediment from Site M and Segment E were stockpiled in a containment area in Segment B and Site M was graded and seeded with grass.
- Ten groundwater monitoring wells were installed, purged, and sampled. The storm water treatment tanks were put in place and the utility trench was completed for the piping and utilities to run from the cell to the tanks.
- The TSCA cell was completed and a completion meeting was held on September 19, 2001.
- Segment B sediment removal activities were completed on November 14, 2001.
- Segment C sediment removal activities were initiated on November 8, 2001.

Approximately 42,465 cubic yards (ex-situ) of sediment from the creek has been placed in the TSCA cell. A screening unit attached to an excavator inside the cell is being used to screen material as needed.

## **B. Planned Removal Activities**

Beginning on September 26, 2001, an estimated 50,000 cubic yards of contaminated sediment will be removed from the creek and transferred to a TSCA cell that has been constructed just northwest of where Dead Creek passes underneath Judith Street.

## **C. Next Steps**

- Continue placing sediments from Segments C, D, and F into the cell.

- Continue dewatering the channel.
- Due to unseasonably warm and dry weather conditions, sediment removal activities are on-schedule with the initiation of sediment removal activities from creek Sector F expected around the first or second week of December, 2001.
- Brush-hog removal of surface vegetation from Sector F.

**D.    Key Issues**

Cold weather later this fall/winter may slow sediment placement in the cell and delay completion of the project.

**V.    COSTS**

This removal action is being performed by a PRP under the direction of the U.S. EPA. At this time, the U.S. EPA is not knowledgeable of the costs associated with this removal action.